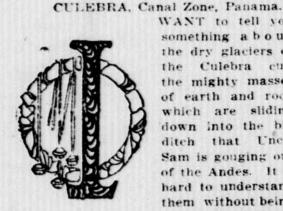
FLACIERS WHICH FALL D

(Copyright, 1912, by Frank G. Carpenter.) Special Correspondence of The Star.



WANT to tell you something about he dry glaciers of he Culebra cut. the mighty masses of earth and rock which are sliding lown into the big litch that Uncle am is gonging out f the Andes. It is hard to understand them without being But if you will take your

your hand and come with Col. David D. Gaillard, the famous engineer who has charge of the Culebra division. we shall go through the cut and look at them with our own eyes. There are plenty in sight even as I write these lines. There are two places nearby where more than 1,000,000 cubic yards of earth and now moving. The material in rate of almost two feet per day and since moving this way and that. Scores of hold only your finger. There are cracks These surface slides have carried down the beginning of our digging we have had steam shovels are puffing and groaning all over the hills, and some of them mark great masses of material. Take the been over 13,000,000 cubic yards or putting in dynamite to break up the enough material to make a wall three feet earth for the shovels. thick and as high as a two-story house reaching all the way from New York to Chicago. It would make four mighty As we start we pass the pipe line about a foot wide and it steadily grows. pyramids as big as Gizeh, and, all told, which carries the air for the drills. considerably more than the excavation This is ten inches in diameter, and it we have yet to make. In other words for the canal would have been done long other. It is fed by three air comago. As it is we have 11,000,000 cubic pressors, each of which has a dozen Engineer Gaillard for the scars he is ward at the rate of fourteen feet every yards yet to dig and of this something furnaces fed by fuel oil, and which making upon her old body at Culebra.

almost 2000 feet wide, at the top and the sloping goes down in ledges to the bottom of the canal, where the width is 300 feet. Looking at the country the edges of the ditch are ragged and hilly. In some places the mountains r se high over t, and in others they slope down and

It is impossible to conceive the vast amount of earth that has been taken out. The figures convey no idea of the concrete dimensions. I will only say that up White House in Washington, or enough the reason. He replies: stuff to fill a ditch three feet wide and charge kills the fish, and they rise to was a ninety-five-ton steam shovel at made. Sometimes they come from below upon the other. Here was a stratum of hundred men are working at it and sendthree feet deep from Boston to Chicago, the surface and can be easily caught, the foot of the rock, and it was catching the canal bed and force themselves up shale, there one of lava, and above it ing it down to Balboa.

ELEVATION OF CANAL BED OLONEL GAILLARD AND IS TOPPED TOWATCH THE MEN that it had to be blasted. If you should siderable, but this pink paper can be It was working just fast enough. I was blast out a tunnel over a thousand miles seen a great distance, and now when- told, to keep the stuff from the slide out and 300 feet high. Build it up long and so big that a hog could crawl ever we catch a man with dynamite of the way. I could see the earth fall through it you might have some idea of so wrapped we arrest him. the work Uncle Sam did in that month. As we make our way down into the cut continuously dropping down into the cut. As we pick our way down into the cut we can see cracks everywhere. In some we can see the mighty work everywhere places they are so wide that you could antity of rock is advancing at the going on. Flying trains of earth are put your foot in them, and others would as they drop the earth and rock on the out bodies of earth which will have to be Cucuracha on the east side of the canal. cars, and everywhere are gangs of ne- moved, as they are already sl'ding down The word Cucuracha means "cockroach," has groes who are drilling the ledges and ino the ditch.

runs from one end of the cut to the like 4,000,000 are the direct result of the are so powerful that they can compress 17,000 cubic feet of air every The air feeds the drills and keeps them chugging away day and But let us climb down into the Culebra night boring the holes for the blasting. It drives the augurs, each as big can see it stretching to the right and the heart of the Andes, cutting holes from ing above the bed rock. These are com- down a slide one hundred times going left until the windings of the mountains fifteen to thirty feet deep, in which the hide it from view. It is altogether nine dynamite is sunk to tear up the rock. Chicago, or if sunk straight through the canal. the earth would have reached almost one-fourth of the way to the center. As we go on I ask Col. Gaillard something as to the amount of explosives that time, although there are some also in needed on the canal. He replied that pounds. Every hole requires twenty prised about a million cubic yards, equal of the Lingerwood cars which carry of eighteen inches per day. As I stood at the sides. These dams were taken what will be the permanent bed of the and throws the railroad as I have de-

that was of such a nature The loss from this source was con- the earth as it fell and loading the cars.

PHOTOGRAPH OF

There is one great crack here at Cu- and this cockroacl lebra which incloses four acres, compris- kind upon earth. It covers an area of ing a million or more cubic yards, which forty-seven acres and forms a great mass are already moving, although so slowly of earth which has broken off 1,820 feet as to be imperceptible. The crack is from the center line of the canal. Another movement of the same kind is working, and it has caused us trouble apparent at Empire, where Col. Gaillard ever since we started to dig. We have has his headquarters, and the workmen in already moved out of it a mass of earth pointing to it facetiously say that Mother amounting to 2,000,000 cubic yards, and it Earth is about to take her revenge on is still active. At one time it came on-As we go on I ask the colonel to tell us it up as it came, and there is no doubt something about the slides. He shows us but that the shovels and dredges will be that these cracks mark their beginning, able to care for it and all the other and later on in the cut we watch the earth coming down. There are several can be handled by one shovel, and this classes of slides. The first are those from is so even when the slide is a long one. the surface, consisting of the material ly- At Las Cascades a shovel moved up and

Indeed, most of such slides occur at for the dry season. I watched one such earth and rock to have built a wall I watch them charging the holes, I ob- in the bed of the canal the place where away by the digging of the canal. feet high, twelve feet thick and long serve that the dynamite is wrapped the clay joined the rock could be plainly In addition to these surface slides or Shortly after this I went with Col.

now slowly and now in great masses,

SECOND PHOTOGRAPH

TAKEN TWOMINUTES

ATER THE EARTH

POSE AND THREW

THE RAIL ROADS, THE

IND ALL TO ONE

GIDE.

It began when the French were still slides of the future. The ordinary slide

morning, at a point just opposite Gold There is a big slide on the west side of ing the night, moving the four railroad and pressure on that side were taken length of perhaps 200 feet, whereas it miles in length, and about 300 feet deep.

In some places the cutting back that has end would have reached 900 miles.

"Last year," says Col. Gaillard, "the them. Such a since is caused by the dig. There is a big since of the west side of the west side of the material which holds it the cut near Culebra which covers tracks which ran parallel across it. The away. This allowed the great we holes we put down, if joined end to ging away of the material which holds it the cut near Culebra which covers tracks which ran parallel across it. The away. This allowed the great we hole we put down, if joined end to ging away of the material which holds it the cut near Culebra which covers tracks which ran parallel across it. The away. This allowed the great we hole we put down, if joined end to ging away of the material which holds it the cut near Culebra which covers tracks which ran parallel across it. The away. This allowed the great we hole we put down, if joined end to ging away of the material which holds it the cut near Culebra which covers tracks which ran parallel across it. The away. This allowed the great we hole we put down, if joined end to ging away of the material which holds it the cut near Culebra which covers tracks which ran parallel across it. The away. This allowed the great we hole we put down, if joined end to ging away of the material which holds it the cut near Culebra which covers tracks which ran parallel across it. The away. This allowed the great we hole we put down, if joined end to ging away of the material which holds it the cut near Culebra which covers tracks which ran parallel across it. been made on account of the slides is They would have equaled a pipe runmade by the water of the heavy rainfalls, east side north of Gold Hill where about were pulled out of the earth. Col. Gail- weaker strata beneath, and it They would have equaled a pipe run- made of the water of the many rainfalls. Seventeen acres have broken off, begin- lard and myself stopped to watch the squeezed some of them out into the altogether more than 100 miles of track ning all the way from Philadelphia to the carrying the earth down into seventeen acres have broken off, begin- lard and myself stopped to watch the squeezed some of them out into the altogether more than 100 miles of track of the canal. So far an area something the tracks and were bringing up shovels could be if you will regard some of the necessities of the work, however, like 157 acres of slides has been taken to take out the hump, when lo, right weaker strata as like a thick fluid, say and it will all be remedied when the out, and there are many acres still in under our eyes, we saw the earth rise and molasses, or the jelly in a layer cake, canal has been properly sloped and the motion. Col. Gaillard, who has seen throw the railroad, ties and all, to one The layers above will force the molasses earth is again in equilibrium. the glaciers of Alaska, tells me that these side. I had my camera ready and made out at the sides, and if you press on the slides move just like them. The earth photographs of the ground while it was cake the jelly will ooze. Now, the lignite the consumption of dynamics of earth moving today. It com- flows down the sloping surface of the moving. I had just finished taking my strata especially are of this nature. These twelve months was over 5,000,000 mass of earth moving today. bed rock, the lateral support of the last picture when one of the tracks fell give way to the weight above and force masses having been removed by the dig- clear over and rolled down the side of themselves out into the canal bed, or if year would more than load five trains high, and was going forward at the rate made of molasses and held back by dams of the cut and almost on the bottom of it is squeezed out so that it humps up ging. It is just as though the earth were the hill. This hump was right in the bed the stratum is under the bed of the canal

hills where the rock of the cut had been motion which is carrying great masses the rock was such that the strata could to control them. They have occurred so "That is to keep track of it and pre- blasted off sheer so that one could follow of rock into the canal. These masses do be plainly seen. The walls of the cut often that they are now taken as a mat- river and it takes time to clear the rail- ogists of the commission have examined Cheops and left something to spare. In vent the workmen stealing it to dyna- with his eye the line where the clay not come from the contained many different layers of rock ter of course. The hump I saw today will one month we have taken out enough mite the waters for fishing. Such a ended and the bed rock began. There strata of which the canal banks are of varying degrees of density, lying one be all out of the way before night. Four rainfall, there are some places on the oxidation of pyrites and other materials

in humps through it, overturning steam one of limestone or a layer of volcanic. Col. Gaillard tells me that there has. In going through the cut with Col. Gaillard. shovels and throwing down the railroad dust hardened to stone. There were also not been one week during the past three strata of lignite and other soft rocks. years when he bottom of the canal has had risen up in the bed of the canal dur- the great ditch was cut and the weight Gold hill.

This allowed the great weight

Slides of strata such as I have described enough to reach from the Capitol to the in pink paper, and ask Col. Gaillard seen. It was a sort of a hollow in the flows there is another class of earth Gaillard to one side of the canal where are common, but the engineers know how white House in Washington and the capitol to the in pink paper, and ask Col. Gaillard seen.

Now, before we began excavating, as not been heaving and rising, but he adds these strata lay one upon the other, the that the heaving grows less and less as During my walk through the cut this weight of the mass was equally distrib- the weight from the sides of the cut is uted, bed upon bed, so that it was not removed and the upper banks properly possible for any of the strata to move, sloped. At present the only place where no matter what lay above them. Then the earth is so working is right under

> soon as the natural slope of the earth contact count will have to be taken of the im-The rains here are often exceedingly move on toward the dump. anywhere in the world. At Porto Bello air.

A GEYSER

INVEST! GATE

inches of water fell in three minutes, the rain failing in sheets so thick that one could hardly see his hand before his face. Had it continued at that rate a man standing still on a flat plain inclosed by water-tight walls would have been drowned in two hours, and did the ran last all day at its close the water would be 100 feet deep. Such rains are extraordinary here for even a short time and the rainfall at Calebra is far less than at Porto Bello. Nevertheless, it is connection with slides.

As we make our way through the cu dizes upon exposure to the air and generates heat. In some places the cut steams, and in others the ground is so warm that you cannot put your hand

depths, and they are often of such a temperature that dynamite would explode if put down into a hole, drilled through them. For this reason a long on pipe is dropped down into ever premature explosions have occurred owing to the lack of this test, and I am told that some of the material now being handled would fire dynamite if brought near it

lard the other day I climbed the side of a hill to the place where the steam was pouring forth like a geyser. The smell of sulphur and brimstone was strong, and I had to get to windward to prevent being overcome by it. The colonel warned me also that the gas might be poisonous. reached down and put my hand in ... steam. It was scalding. At that place the steam was oozing out over an area took a manilla envelope and held it over one of the cracks, and the heat was such that it destroyed it. It even charred a piece of white pine lumber, although i did not bring it to a blaze.

In looking at the earth near the steam vents it seemed cool, and I put my hand on the surface. There was no sign of heat, but when I scraped away a bit of The surface siides will likewise stop as the crust I was almost burned by the In loading this stuff the mass is some

has been reached, although in this ac- times so hot that the brakemen cannot ride on the loads, and they hang outside. holding on by the irons, as the trains heavy, retarding the work. During the I would say, in closing, that there is no wet season the clay flows down like a danger from these heated areas. The geol-

## NG COLLEGE MEN WHO SEARCH FAR COUNTRIES FOR THE BENEFIT

CO Through All Sorts of Hardships in Order that Museums Shall Reap Harvest of Their Work-Expeditions That Last for Many Years-Searching Among Savage Indians-One Young Scientist Is an Authority on Whales, While Another Studies and Gathers Specimens of Strange Birds.



hundred noteworthy expeditions from roots. every important research center in the United States and Europe, financed to the

tasks of exploration that remain to be does more than half rations, yet our some six months overdue.

"Indians are very easily offended," does never wanted a full meal, which, in steamers and whaler schooners, in his discoveries in Guatemala. This past winder the north is extreme hospitality."

country, for rewarded by a meager salcountry, for rewar torial regions.

There is Vladimir Stefanson, for instance, the blue-eyed, sunny-haired Harvard man who is somewhere in the a young Columbia student, were made

There is Vladimir Stefanson, for ininally planned, steephants, albatrosses, tiles, many of them poisonous, and also

We stance, the blue-eyed, sunny-haired Harvard man who is somewhere in the a young Columbia student, were made

There is Vladimir Stefanson, for ininally planned, steephants, albatrosses, tiles, many of them poisonous, and also

We stance, the blue-eyed, sunny-haired Harhimself, with fire in his eye. We ignored with a thousand miles over a dreary men literally have to "dope" themselfs, with fire in his eye. We ignored with a thousand miles over a dreary men literally have to "dope" themselfs, with fire in his eye. We ignored with a thousand miles over a dreary men literally have to "dope" themselfs, with fire in his eye. We ignored with a thousand miles over a dreary men literally have to "dope" themselfs, with fire in his eye. We ignored with a thousand miles over a dreary men literally have to "dope" themselfs, with fire in his eye. We ignored with a thousand miles over a dreary men literally have to "dope" themselfs, with fire in his eye. We ignored with a thousand miles over a dreary men literally have to "dope" themselfs, with fire in his eye. We ignored with a thousand miles over a dreary men literally have to "dope" themselfs, with fire in his eye. We ignored with a thousand miles over a dreary men literally have to "dope" themselfs, with fire in his eye. We ignored with a thousand miles over a dreary men literally have to "dope" themselfs, with fire in his eye. We ignored with a thousand miles over a dreary men literally have to "dope" themselfs, with fire in his eye. We ignored with a thousand miles over a dreary men literally have to "dope" themselfs, with fire in his eye. We ignored with a thousand miles over a dreary men literally have to "dope" themselfs, with fire in his eye. The literal have a dreary men literally have to "dope"

ish his geographic observations.

At the end of the period Stefanson wrote that they had found so much to interest them, and that their discoveries were so

vigor and to have through the Yukon valley telling of some that Herbert Lang chose him from among "Oh, nothing," said the interpreter, resolved to erase of their experiences, treating even their a score or more of eager applicants to "But I want to know," all the black and fanson wrote that he had been fed with He is probably the youngest man ever to ... They are deciding that they will kill dark spaces off the the very best that the Eskimos had—hold so responsible a position in an extended part the geographical, and the geographical, and the geographical and the ge map and to solve the geographical, and freshly killed seals and huge musk-ox ploration party. To him has been given Skinner smiled griffly at the collecting of the sitting in a circle about the medicine any white man to try to go through their college only a few years, Andrews is the thropological, zoological, and botanical horn flagons of steaming blood soup. It entire charge of the collecting of the sitting in a circle about the medicine any white man to try to go through their college only a few years, Andrews is the ing. mysteries that have lain veiled for ages. fanson wasn't through with his work. At birds, and he has already secured, accord-Before the end of the summer over a times the two men have even lived on ing to the museum heads, the most re-

very few students, they volunteer to un- no end of worry on the part of relavery few students, they volunteer to un-dergo every hardship known to man in tives and the museum for parties so en-But he has already accomplished more in "A second messenger arrived, asking as it has been visited only by whalers, drear arctic wastes or fever-infected, al- grossed in their studies that they have exploration than most scientific men ac- why I was so busy that I couldn't see and Murphy's expedition is the first of its most suffocating valleys of the eequa- stayed long beyond their scheduled date complish through a lifetime. His career, so great a man as Waboose-Inini. My sort to be made. of return. The museum has grown acjust barely begun, reads like a thrilling reply was that I was learning all about The Daisy will set the young chap
customed to it, and takes it for granted romance or vivid imagination.

The lowlands in this region are filled such is progress, observes Mr. Clark
with marshes, swarming with odd vawissler, curator of the department of
shamanism from another medicine man, ashore and there alone on the lonely that every expedition will be away from

three-year trip under the auspices of the gle of the central Kongo and the unex- ever survived. American Museum of Natural History, plored parts of Donga, Faraaje and Aba. The museum, expecting that they were to Museum of Natural History with some occasional trader, they look on every so amiable that he offered me his daughreturn, had made no provision for a specimens of his own longer journey, and, moreover, had no had stuffed and mounted, and asked to be who is absolutely feariess, and takes way to get supplies to them. Therefore, given a job there. The museum, perhaps, flinging caution to the winds, the two roung men are fighting it out alone, a more than any institution of its kind in tribe. thousand m'les, probably, from any white the world, holds out a welcome hand to They were offended by his unexpected litely as I could. soul, learning the manners of the most ambitious youngsters, and if they show visit, and the next day a council was primitive branch of Eskimo folk, making an intense interest in their particular subscientific coal, of the strange islands they are vis- ject and a substantial knowledge of it ber of the council was displaying, and more when she gets older. iting, studying the geologic formations they are usually given a chance. Chapin's he asked his interpreter what they were and collecting specimens, fauna as well as work was so careful that they gave him discussing.

hardships as a joke. In grim humor Ste- accompany him into the African jungles. Skinner. was either this or come home, and Ste- smaller mammals, insects, fishes and man and another with a kettledrum,

The expedition is taking Dr. Lang and ne, anyway, ne exclaimed, and said the said, "lives on notoriety. To a ting them to trust him and to allow him to collect several rare varieties of whales to collect several rare varieties of whales engaged in ferreting out nature's secrets in the more remote, and oftentimes barely accessible lands.

they have found, though untouched by civilization and in their crudest stage, region, only to return within a very short they have a fetish of hospitality. The moment mae a fetish of hospitality. The moment time because of the intolerable heat. The ly accessible lands.

Of these, a score or more have left or are leaving New York city. In the very van of the American incursion into the wilds are a dozen or more young college me, still in their twenties, who in a me, still in their twenties, who in a me, still in their twenties, who in a me a reuse of the intolerable heat. The the top of the kettiedrum. As the require a some described as so hot that it sourceful Skinner had presumed, it crears of a different nature, is the notable are of a different nature, is the notable are of a different nature, is the notable as one that it sourceful Skinner had presumed, it crears of a different nature, is the notable are of a different nature, is the top of the kettiedrum. As the require a very primitive people, and it is a section but sparsely innabited by a divorce—and get it without publicity, are of a different nature, is the notable as very primitive people, and it is a section but sparsely innabited by a divorce—and get it without publicity, are of a different nature, is the notable as very primitive people, and it is a section but sparsely innabited by a divorce—and get it without publicity, are of a different nature, is the notable as very primitive people, and it is a sourceful Skinner had presumed, it created that the top of the kettiedrum. As the require a very primitive people, and it is a sourceful Skinner had presumed, it create the top of the twenties, well as the top of the twenties, and of the twenties, and of the top of the same and the top of the twenties, and of the twenties, and of the top of the same and the twenties, and of the top of the same and the top of the same and the top of the twenties, and the scientific investigation have undertaken some of the most difficult and dangerous tasks of exploration that remain to be tasks of exploration that remain to tasks of the ex-slipped away and made his canoe.

In the winter season, writes Stefan-savage tribes, for the success of the ex-slipped away and made his canoe.

Skinner and Chapin, and has the same tory is also contributed as Skinner and Chapin, and has the same tory is also contributed. Skinner is a success of the ex-slipped away and made his canoe.

Skinner and Chapin, and has the same tory is also contributed as Skinner and Chapin, and the exploration in the winter season, "But what wo as Skinner and Chapin, and the exploration in the winter season, "But what wo as Skinner and Chapin, and the exploration in the winter season, "But

Indians are very easily offended, an old, that it has given him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only six years ago, has made him free use of its only s the Yukon valley as best they can this from boyhood. Skinner, who is only twen-states and make for a settlement. Only remarkable set of young men in the country, for, rewarded by a meager sal-

his opportunity, and so quickly did he The Indian interpreter replied, "You." Last fall a letter came by devious ways make good, particularly in his collecting. "What about me?" asked Skinner.

> markable collection of birds that has ome out of Africa.
>
> The expedition is taking Dr. Lang and fle, anyway," he exclaimed, and sud-ness and ingenuousness, succeeded in get-gent regulations for their preservation.

sourcefulness among Eskimos, in order to the happy-go-lucky chap, with a strong habits that have already established him reviewing my case and keeping me under Cape Horn.

One evening he stopped a hundred or more miles north of Fort Hope, and fell in with a camp of Indians that had little or no use for white men. In that section, owing to the grasping nature of the ship has its dangers. This chief became collecting, which he white man as an enemy. But Skinner, ter of eight. every situation with a laugh, resolved to

demanded without offending him and bringing down his wrath.

disturbed.

"But." observes Skinner, "every friend-

" 'Take her now,' said Waboose. 'Bring

southernmost tip of South America. ture of all is that undertaken by two Mexican hall. The museum had been put known of the group in a scientific way, ing jungle regions never before explored, that the museum had chosen for repre-

a rival whom we all knew that the old stretch of islands, sparsely vegetated, the rieties of animal life and birds and rep- authropology, under whose direction Spin- while, smiled and said: resort only of sea-elephants, albatrosses, tiles, many of them poisonous, and also den is working.

as lonesome a life as Robinson Crusoe to sent into South America. Leo Miller, a accomplish his purpose. Nor are the recent graduate of Columbia, has also hardships on the island the only ones to been in the field with Lloyd and Allen. hardships on the island the only ones to been in the field with Lloyd and Allen. from Barbados to his destination is him 800 mammals and 2,000 birds. and limejuice, to prevent scurvy.

But when Murphy left on the Guinea her up right. She will love you all the for Barbados he was smiling as hap- of the country. pily as though he were entering on the "It was only when I explained that I greatest lark in the world.

was a poor young man and did not catch A similarly lonely venture has been many beavers, and was not, at the time, undertaken by Roy C. Andrews, a gradin any position to support a wife in the same manner that he did, that I escaped uate of Beloit College, and now in his politan Museum, he early attached to his twenty-seventh year. Under the auspices staff Herbert Winlock, a recent Harvard of the American Museum of Natural His- graduate, and so thoroughly has he done Skinner also has to his credit the best tory, he is penetrating into the unknown charge of the excavation near Thebes, that does not recognize domination by the whales. Whales are fast becoming exwhite man and the government of this tinct, and the United States government

on the Korean coast, and then to explore

The lowlands in this region are filled up for fences!

north of Coronation gulf, along the not yet returned from the heart of the to James bay. In the depths of the back ward noon he rose to go. I invited him his investigation and collect his specinorthernmost contour of Canada, with- Kongo, but the museum heads smiled, country, where the Indians never see to dinner, even gave him some tit-bit mens. It is possible that, after he has fevers, they never complain. Before Wind river district of Wyoming and will out a dollar in his pocket, without sup- They knew what to expect of enthusiasts a white man except possibly a mounted from my plate. It was a mark of proeking out a living through his own re- Young Chapin is a striking example of some unusual studies of Indian life and When on the third day; while he was still miles from South Georgia and When on the third day; while he was still miles from South Georgia and When on the third day; while he was still miles from South Georgia and South is entering this fascinating field of explo- Practically all his journey was made ner, his delight knew no bounds and he birds at the Brooklyn, N. Y., Museum dreams. They have obtained, according grub for their food and live practically In 1907 he and another young man ration. Just twenty-two and on a leave alone in a canoe, and when one learns burst out with, 'Tell the young white and probably the youngest curator in the to J. A. Allen, curator of mammalogy on roots. nameed Anderson leeft for the MacKenzie of absence from his university, he is mak- of the hair-raising experiences that he chief that if there was anything he wants world. For half a century science has and ornithology at the museum, the most and Coppermine River country for a ing a name for himself in the dense jun- passed through, the marvel is that he to know, I will tell him. I know every- been at loss to know just what life exists complete collection that has come out of find out, though he will be forced to live as the most important expedition ever as lonesome a life as Robinson Crusoe to sent into South America. Leo Miller, a

> an arduous one. The only food during Another expedition into an extremely those twelve weeks will be salt meat unhealthy climate is that of William "'Make fine wife,' said the medicine and hardtack, interspersed with pickles Warfield, a young Princeton student, who is going under the auspices of his uni- woman, taking such an unfair advanversity and the American Museum into tage of his female employes, I don't the valleys and mountains of inland west- wonder that woman is beginning to snee ern Guinea to collect invertebrates and at man's chivalry. make a report on the general conditions "It reminds me of an Italian washer-

> > portant, two young college men are do- matrimony, ing remarkable work. When Prof. Albert Lythgoe began his famous Egyptian ex- asked. pedition under the auspices of the Metrohis work that he has been placed in

The palace is in a suburb of Thebes, "If I die, there's going to be a scuf- failing tact, skill in making friends, open- man for its information, leading to strin- and situated on an artificial lake one mile tra-modern type of society woman. long and half a mile wide, constructed by ous." he said, "lives on notoriety. To a

to collect several rare varieties of whales favorite wife, Tiy. The discoveries have day: the interior for birds and large mammals. been extremely valuable from an arche-

sentation had been carted away by the working on my apparatus together a newly made Indian farmers and broken young count joined us one day, and "Such is progress." observes Mr. Clark boasted of his lineage.

heretofore unexplored frozen islands nervous because the Lang expedition has pedition alone from the Mackenzie river notebooks. He smowed silently. To- nearest settlement, he will pluckily make of the sun and terrific heat, and with country. Robert H. Lowie, a Columbia policeman once in a year, Skinner made found respect and he was duly flattered. go to the South Shetland Islands, 1.000 for granted, and entered upon their work desert wastes, to study, in their own would feel if embarking on a fishing trip. elers crossing the desert used to call the complete his ethnological studies and fin- bent for painstaking research work, who as an authority on Indian subjects, observation, I again invited him to din-

## Passing of Chivalry.

The trip of three months but he returned recently, bringing with plained in Chicago about the way Italian women are sweated there. "When I see," she said, "the male em-

woman, very industrious and successful. In quite another field, but quite as im- to whom a young man offered himself in

> "You love me?" the washerwoman "'Devotedly,' the young man replied " 'Are you sure?' " I swear it!" "She gave him a searching look

"'Are you out of work?' she said."

## The Chief Requisite.

DAVID BELASCO, in an interview in New York, condemned a certain ul-"This type, which luckily isn't numer-'Yes, madam, I can get you the di-

## Often True.

while he watched us work the count "The gardener, after listening a long